

# STAVIS SEAFOODS, INC.

## AMMONIA REFRIGERATION MANAGEMENT PROGRAM STANDARD OPERATING PROCEDURES — LOW STAGE RECIPROCATING COMPRESSOR OPERATION

### Operation of Mycom Reciprocating Compressors Model

|                                     |   |
|-------------------------------------|---|
| <b>Objective</b>                    | This procedure is established to describe the Technical Operating Specifications (TOS) and to set forth Standard Operating Procedures (SOP) for the operation of Mycom N6B (2)  |
| <b>Purpose</b>                      | The purpose of the TOS is to provide a description of the compressor, define its function, operating conditions and limits, consequences of deviations from operating limits, describe its controls, instrumentation and safety systems and set its operating alignment(s). The purpose of the SOP is to establish the proper steps for startup, operation, and shut-down of the compressor.  |
| <b>Concerns</b>                     | Careful attention to suction and discharge pressure, and lubrication oil temperature are important to this procedure because compressor damage can occur when compressors are dead-headed or when lubrication is lost. Among the incidents we are trying to prevent are: <ul style="list-style-type: none"> <li>• Injury to operator(s)</li> <li>• Damage to compressors due to high discharge pressure or loss of lubrication</li> <li>• Over-pressurization of the refrigeration system (e.g., blocked in liquid) resulting in a release through pressure relief valves or failure or rupture of lines, tubes, or other equipment and a subsequent release</li> </ul> |
| <b>Department</b>                   | <b>Facilities</b>   |
| <b>Operator/<br/>Responsibility</b> | <b>Facility Manager</b> — Nick Buttera<br><b>Plant Manager</b>  |
| <b>Equipment/Location</b>           | (1) Mycom N6B (2) Located in the Mechanical Room in the south half of the building.   |
| <b>Related documents</b>            | Inspection and Maintenance Records — in the Plant Engineer's office.<br>System Log Book — in the Plant Engineer's office.<br>Manufacturer's Installation and Operations documents — in the Plant Engineers office.<br>Block Diagrams — in the PSM/RMP Program document —Plant Engineers office. P&IDs - in the RMP Room / Quality Assurance Office.<br>Program document— Facility Managers office / Mechanical<br>Ammonia MSDS — Outside Facilities Office<br>Copies of all documents — Facility Managers office.   |
| <b>Initial SOP development date</b> |   |
| <b>Authorized by</b>                | Nick Buttera / Gary Hardin  |
| <b>Revision</b>                     | No. 0   |
| <b>Annual Review by</b>             |   |
| <b>Annual Review by</b>             |   |